

What is claimed is:

1. A method for automatically collecting information relating to calls, comprising:

establishing one or more subscription sessions with one or more endpoint devices, wherein each of said one or more endpoint devices is associated with an address of record;

receiving a dialog notification in one of said one or more of subscription sessions that an endpoint device has received a call from a caller;

generating a call entry providing call information associated with said call and said caller; and

storing said call entry in a chronological call history providing call information associated with one or more calls to said one or more endpoint devices.

2. The method of Claim 1, further comprising:

using a Session Initiation Protocol (SIP) for communication with said one or more endpoint devices, wherein said establishing one or more subscription sessions further comprises:

sending one or more Session Initiation Protocol (SIP) subscribe messages to said one or more endpoint devices to establish said one or more subscription sessions; and

wherein said notification comprises an SIP notification message.

3. The method of Claim 1, further comprising:
receiving another notification that another endpoint device has received another call;
generating another call entry providing call information associated with said another call; and
storing said another call entry in said chronological call history.

4. The method of Claim 1, further comprising:
providing access to said chronological call history to review call information related to calls to said one or more endpoint devices.

5. The method of Claim 1, further comprising:
applying a filter to said call information to update a counter associated with said one or more endpoint devices.

6. The method of Claim 5, further comprising:
triggering a response when said counter reaches a threshold.

7. The method of Claim 1, further comprising:
applying a handling rule to said call information to reroute said call to another endpoint device.

8. The method of Claim 7, wherein said call entry comprises:

said dialog notification;
a date of said call; and
a time of said call.

9. The method of Claim 1, wherein said establishing one or more subscription sessions further comprises:

receiving a preliminary notification that indicates that said endpoint device has registered to be associated with said one or more endpoint devices.

10. The method of Claim 1, further comprising:

receiving another notification that indicates that said endpoint device has unregistered and is no longer associated with said one or more endpoint devices, and a corresponding subscription session is terminated.

11. A system for collecting information relating to calls, comprising:

a registrar for registering one or more Session Initiation Protocol (SIP) compatible endpoint devices that communicate on a communication network using SIP, wherein each of said one or more SIP compatible endpoint devices is associated with an address of record;

a proxy server for routing calls to each of said one or more SIP compatible endpoint devices;

a control module for chronologically collecting call information associated with one or more calls directed to

said one or more SIP compatible endpoint devices over existing SIP dialog/notification sessions, wherein each of said one or more SIP compatible endpoint devices is associated with an address of record; and

an updated personal call history for permanently storing said call information.

12. The system of Claim 11, wherein said personal call history comprises:

one or more call entries, each of which comprises call information associated with a corresponding call to a corresponding SIP compatible endpoint device.

13. The system of Claim 12, wherein each of said one or more call entries comprises:

a dialog notification from a corresponding SIP compatible endpoint device that has received a call;

date of said call; and

time of said call.

14. The system of Claim 11, wherein said one or more calls comprises one or more multimedia calls established using a protocol substantially complying with SIP.

15. The system of Claim 11, further comprising:

a display for displaying said personal call history for ready access.

16. The system of Claim 11, further comprising:
a counting module that updates at least one counter by applying a filter to said call information, wherein said counting module is associated with said one or more SIP compatible endpoint devices.

17. The system of Claim 16, further comprising:
a trigger module that invokes a response when said at least one counter reaches a threshold.

18. The system of Claim 11, further comprising:
a handler that applies at least one handling rule to said call information for rerouting a corresponding call.

19. The system of Claim 11, further comprising:
an access device remotely located from said control module and said personal call history for accessing said personal call history.

20. The system of Claim 11, wherein said personal call history application module comprises a Dialog State Aggregator (DSA).

21. A computer system, comprising:
a processor; and

a computer readable memory coupled to said processor and containing program instructions that, when executed, implement a method for automatically collecting information relating to calls, comprising:

establishing one or more subscription sessions with one or more endpoint devices, wherein each of said one or more endpoint devices is associated with an address of record;

receiving a dialog notification in one of said one or more subscription sessions that an endpoint device has received a call from a caller;

generating a call entry providing call information associated with said call and said caller; and

storing said call entry in a chronological call history providing call information associated with one or more calls to said one or more endpoint devices.

22. The computer system of Claim 21, wherein said method further comprises:

using a Session Initiation Protocol (SIP) for communication with said one or more endpoint devices, wherein said establishing one or more subscription sessions further comprises:

sending one or more Session Initiation Protocol (SIP) subscribe messages to said one or more endpoint devices to establish said one or more subscription sessions; and

wherein said notification comprises an SIP notification message.

23. The computer system of Claim 21, wherein said method further comprises:

receiving another notification that another endpoint device has received another call;

generating another call entry providing call information associated with said another call; and

storing said another call entry in said chronological call history.

24. The computer system of Claim 21, wherein said method further comprises:

providing access to said chronological call history to review call information related to calls to said one or more endpoint devices.

25. The computer system of Claim 21, wherein said method further comprises:

applying a filter to said call information to update a counter associated with said one or more endpoint devices.

26. The computer system of Claim 25, wherein said method further comprises:

triggering a response when said counter reaches a threshold.

27. The computer system of Claim 21, wherein said method further comprises:

applying a handling rule to said call information to reroute said call to another endpoint device.

28. The computer system of Claim 27, wherein said call entry comprises:

said dialog notification;
a date of said call; and
a time of said call.

29. The computer system of Claim 21, wherein said establishing one or more subscription sessions in said method further comprises:

receiving a preliminary notification that indicates that said endpoint device has registered to be associated with said one or more endpoint devices.

30. The computer system of Claim 21, wherein said method further comprises:

receiving another notification that indicates that said endpoint device has unregistered and is no longer associated with said one or more endpoint devices, and a corresponding subscription session is terminated.

31. A computer readable medium containing executable instructions which, when executed in a processing system,

causes the processing system to perform the steps for automatically collecting call contact information, comprising:

establishing one or more subscription sessions with one or more endpoint devices, wherein each of said one or more endpoint devices is associated with an address of record;

receiving a dialog notification in one of said one or more subscription sessions that an endpoint device has received a call from a caller;

generating a call entry providing call information associated with said call and said caller; and

storing said call entry in a chronological call history providing call information associated with one or more calls to said one or more endpoint devices.

32. The computer readable medium of Claim 31, wherein said method further comprises:

using a Session Initiation Protocol (SIP) for communication with said one or more endpoint devices, wherein said establishing one or more subscription sessions further comprises:

sending one or more Session Initiation Protocol (SIP) subscribe messages to said one or more endpoint devices to establish said one or more subscription sessions; and

wherein said notification comprises an SIP notification message.

33. The computer readable medium of Claim 31, wherein said method further comprises:

receiving another notification that another endpoint device has received another call;

generating another call entry providing call information associated with said another call; and

storing said another call entry in said chronological call history.

34. The computer readable medium of Claim 31, wherein said method further comprises:

providing access to said chronological call history to review call information related to calls to said one or more endpoint devices.

35. A system for collecting information relating to calls, comprising:

means for registering one or more Session Initiation Protocol (SIP) compatible endpoint devices that communicate on a communication network using SIP, wherein each of said one or more SIP compatible endpoint devices is associated with an address of record;

means for routing calls to each of said one or more SIP compatible endpoint devices;

means for chronologically collecting call information associated with one or more calls directed to said one or more SIP compatible endpoint devices over existing SIP

dialog/notification sessions, wherein each of said one or more SIP compatible endpoint devices is associated with an address of record; and

means for permanently storing said call information in a personal call history.

36. The system of Claim 35, wherein said personal call history comprises:

one or more call entries, each of which comprises call information associated with a corresponding call to a corresponding SIP compatible endpoint device.

37. The system of Claim 35, wherein each of said one or more call entries comprises:

a dialog notification from a corresponding SIP compatible endpoint device that has received a call;

date of said call; and

time of said call.

38. The system of Claim 35, wherein said one or more calls comprises one or more multimedia calls established using a protocol substantially complying with SIP.

39. The system of Claim 35, further comprising:

means for displaying said personal call history for ready access.

40. The system of Claim 35, further comprising:
means for accessing said personal call history.

41. A system for collecting information relating to
calls, comprising:

a control module for chronologically collecting call
information associated with one or more calls directed to one
or more remotely located SIP compatible endpoint devices over
existing SIP dialog/notification sessions, wherein each of
said one or more SIP compatible endpoint devices is
registered to an address of record.

42. The system of Claim 41, wherein said control
module permanently stores said call information in an updated
personal call history.

43. The system of Claim 42, wherein said personal call
history comprises:

one or more call entries, each of which comprises call
information associated with a corresponding call to a
corresponding SIP compatible endpoint device.

44. The system of Claim 43, wherein each of said one
or more call entries comprises:

a dialog notification from a corresponding SIP
compatible endpoint device that has received a call;
date of said call; and

time of said call.

45. The system of Claim 42, wherein said control module provides access to said personal call history.